



COUNTY BOROUGH OF HALIFAX.

EDUCATION COMMITTEE.

ANNUAL REPORT

ON THE

SCHOOL MEDICAL SERVICE

FOR THE YEAR 1942.

HALIFAX:

F. KING & SONS LTD., PRINTERS, BOWLING DYKE.

COUNTY BOROUGH OF HALIFAX.

EDUCATION COMMITTEE.

Chief Education Officer: W. O. BELL, B.A.

Staff of the School Medical Service.

School Medical Officer :

George C. F. Roe, M.R.C.P., L.R.C.S., D.P.H., D.P.M.

Assistant School Medical Officer:

Francis W. Waterworth, M.B., Ch.B., D.P.H.

Part-time Assistant School Medical Officer:

Dorothy W. Heynemann, M.B., Ch.B.

Part-time Ophthalmic Surgeon:

Robert W. Greatorex, M.B., Ch.B.

Part-time Orthopaedic Surgeon:

Francis W. Goyder, F.R.C.S. (Eng.)

Dental Surgeons: Frank H. Richardson, L.D.S., R.C.S.

† Thomas A. A. Eaves, L.D.S., R.C.S.

Arthur T. Hanson, L.D.S., R.C.S.

Nursing Staff: T. Constance Brown (Superintendent)

Annie M. Emmott

Ina J. G. Patton

E. Winifred Birkhead

Frances Sergeant

Blanche Bailey (Dental)

Orthopaedic Staff: Sophie Dudgeon (Supervisor and Organiser of Physical Training)

Edith F. M. Smith

* Mary T. Morton

‡ Barbara M. Cartledge

|| Joyce M. Arkle

Rosa Enderby (Part-time)

Speech Training: Margery A. Sharpe (Part-time)

Orthoptist: Margaret L. Harris

Clerical Staff:

Chief Clerk Louis Trigg

Assistants Joan Longbottom

Frances M. Blakemore

** Jessie Grundy (Immunisation Service, part-time; School Medical Service, part-time)

†† Mavis Coates (Immunisation Service, part-time; School Medical Service, part-time)

† Joined H.M. Forces 21/11/40 * Commenced 16/2/42 ‡ Commenced 28/9/42
 || Commenced 1/11/42 ** Joined W.L.A. 31/5/42 †† Commenced 1/6/42

SCHOOL CLINICS.

Name.	Purpose.	Where held.	Days.	Time.	Hours.
INSPECTION	Examination of cases sent by Teachers, School Attendance Officers, etc.	Horton St.	Tuesdays Fridays	2-0 to 4-30 p.m. do.	
MINOR AILMENTS	Treatment of Minor Diseases of Skin, etc.	Horton St.	Daily	9-0 a.m. to 12-0 noon 2-0 to 5-0 p.m.	
		Bermerside Home	Daily	10-0 a.m. to 12-0 noon	
		Ovenden	Mondays to Fridays	9-0 a.m. to 12-0 noon	
DENTAL	Dental Treatment	Horton St.	Daily	9-30 a.m. to 12-0 noon 2-0 to 5-0 p.m.	
OPHTHALMIC	Treatment of Visual Defects	Horton St.	Tuesdays Wednesdays Other days as required	10-0 a.m. to 12-0 noon do.	
SPEECH DEFECTS	Speech Training classes	Akroyd Place School	Mondays	9-45 to 11-45 a.m. 2-0 to 4-0 p.m.	
			Thursdays	2-0 to 4-0 p.m.	
ORTHOPÆDIC		Horton St.	Wednesdays	2-30 to 4-0 p.m.	
TONSILS AND ADENOIDS	Treatment of Tonsils and Adenoids	General Hospital, Halifax	Mondays to Wednesdays		
REMEDIAL EXERCISES	Treatment of Deformities	Horton St.	Daily	9-0 a.m. to 12-0 noon 2-0 to 5-0 p.m.	
		Quarry House	Wednesdays	10-0 a.m. to 12-0 noon	
		Bermerside	Tuesdays	10-0 a.m. to 12-0 noon 2-0 to 3 p.m.	
		Ovenden	Fridays	2-0 to 3-30 p.m.	
			Tuesdays Thursdays	2-0 to 5-0 p.m. 2-0 to 5-0 p.m.	
X-RAY TREATMENT OF RINGWORM		Royal Halifax Infirmary	Tuesdays (When required)	2 p.m.	
EMPLOYMENT OF SCHOOL CHILDREN	Examination as to fitness to follow part-time employment	Horton St.	Saturdays	9-30 a.m. to 12-0 noon	
ULTRA VIOLET RAY TREAT- MENT	For treatment of Anæmia, Debility etc.	Northgate Infant Welfare Clinic	Mondays and Thursdays	10-45 a.m.	
IMMUNISATION AGAINST DIPHTHERIA		School premises and Horton St.	Mondays	2-30 to 3-30 p.m.	
PSYCHO- LOGICAL CLINIC	Child Guidance Cases	General Hospital	Fridays	Closed pro tem.	
ORTHOPTIC CLINIC	Cases of Squint	Haugh Shaw Senior School	Mondays	9-0 a.m. to 12-0 noon. 2-0 to 5-0 p.m.	
			Wednesdays	9-0 a.m. to 12-0 noon. 2-0 to 5-0 p.m.	
			Thursdays	9-0 a.m. to 12-0 noon. 2-0 to 5-0 p.m.	
			Saturdays	9-0 a.m. to 12-0 noon	

STATISTICAL TABLES.

TABLE I.

MEDICAL INSPECTIONS OF CHILDREN ATTENDING PUBLIC ELEMENTARY SCHOOLS YEAR ENDED 31st DECEMBER, 1942.

A.—ROUTINE MEDICAL INSPECTIONS.

(1) No. of Inspections in the prescribed Groups:—

Entrants	...	...	...	1,289
Second Age Group	...	...	...	1,099
Third Age Group	...	...	...	811

Total ... 3,199

(2) Number of other Routine Inspections —

Grand Total ... 3,199

B.—OTHER INSPECTIONS.

Number of Special Inspections and

Re-Inspections... 9,098

TABLE II.

CLASSIFICATION OF THE NUTRITION OF CHILDREN INSPECTED DURING THE YEAR IN THE ROUTINE AGE GROUPS

AGE—GROUPS	Number of Children Inspected	A (Excellent)		B (Normal)		C (Slightly Subnormal)		D (Bad)	
		No.	%	No.	%	No.	%	No.	%
Entrants ...	1,289	58	4.5	1,188	92.1	42	3.2	1	.07
Second Age-group ...	1,099	50	4.6	1,017	92.5	32	2.9	...	...
Third Age-group ...	811	58	7.2	743	91.6	10	1.2	...	...
Other Routine Inspections ...	...	...	...	...	...	...	...	...	...
TOTAL ...	3,199	166	5.2	2,948	92.1	84	2.6	1	.03

TABLE III.

Group 1.—TREATMENT OF MINOR AILMENTS (excluding uncleanness, for which see Table V.)

Total number of Defects treated or under treatment during the year
under the Authority's Scheme.

Minor Ear defects	...	...	...	291
Minor Eye defects	...	...	...	302
Skin—Ringworm—Scalp	...	...	...	—
Body	...	...	...	4
Scabies	...	...	...	544
Impetigo	...	...	...	503
Other Skin Diseases	...	...	...	392
Miscellaneous	...	...	...	5052

7088

Group II. Treatment of Defective Vision and Squint (excluding Minor Eye Defects treated as Minor Ailments—Group I).

							Under the Authority's Scheme
Errors of Refraction (including Squint)							471
Other Defect or Disease of the Eyes (excluding those recorded in Group I)							76
TOTAL ..							547
No. of Children for whom Spectacles were :							
(a) Prescribed							469
(b) Obtained							*545

* Includes alterations to lenses and spectacles replaced without further refraction.

Group III. Treatment of Defects of Nose and Throat.

RECEIVED OPERATIVE TREATMENT	(2) Received other forms of Treatment	(3) Total number treated
(1) Under the Authority's Scheme, in Clinic or Hospital		
266	421	687

TABLE IV.

DENTAL INSPECTION AND TREATMENT.

(1) Number of Children Inspected by the Dentist —

(a) ROUTINE AGE GROUPS —

Age	2	3	4	5	6	7	8	9	10	11	12	13	14 & over	Total
Number	23	121	280	1358	1003	956	899	941	1078	789	847	730	141	9,166

(b) SPECIALS 1,335

(c) TOTAL (ROUTINE AND SPECIALS) 10,501

(1a) Number of Re-inspections 6,714
 (2) Number found to require treatment 6,322
 (3) Number actually treated 5,154

(4) Attendances made by Children for Treatment .. 7,319

(7) Extractions :—
 Permanent Teeth .. 1,678
 Temporary Teeth .. 8,161

(5) Half-days devoted to :—
 Inspection 146
 Treatment 758
 Total .. 904

Total .. 9,839
 (8) Administrations of General Anæsthetics for Extractions 20

(6) Fillings :—
 Permanent Teeth .. 2,581
 Temporary Teeth .. 44
 Total .. 2,625

(9) Other Operations :—
 Permanent Teeth .. 422
 Temporary Teeth .. 71
 Total .. 493

TABLE V.**VERMINOUS CONDITIONS**

(I)	Average number of visits per School made during the year by the School Nurses	...	...	...	5
(II)	Total number of examinations of children in the Schools by School Nurses	...	...	...	26,758
(III)	Number of individual children found unclean			...	1,153
(IV)	Number of individual children cleansed under Section 87 (2) and (3) of the Education Act, 1921			...	201
(V)	Number of cases in which legal proceedings were taken :				
	(a) Under the Education Act, 1921	...	...	...	—
	(b) Under School Attendance Bye-laws	...	...	...	—

TABLE VI.**Blind and Deaf Children.**

	(1) At a Public Elementary School.	(2) At an Institution other than a Special School.	(3) At no School or Institution.	(4) Total not receiving suitable education.
Blind Children...	—	—	—	—
Deaf Children ...	—	—	—	—

MENTALLY DEFECTIVE CHILDREN.

Total number of children notified during the year ended 31st December, 1942, by the Local Education Authority to the Local Mental Deficiency Authority, under the Mental Deficiency (Notification of Children) Regulations, 1928 4

TABLE VII.

PROPORTION OF VACCINATED CHILDREN AMONGST THOSE
EXAMINED IN ROUTINE DURING THE PERIOD 1932 TO 1942
ELEMENTARY SCHOOLS.

Year.	Routine Examinations.		Number showing Vaccination Scars.	Percentage Un-vaccinated.
1932	(a) Boys	1 931	460	76·1
	(b) Girls	1,937	470	75·7
1933	(a) Boys	1,874	415	77·8
	(b) Girls	1,783	396	77·8
1934	(a) Boys	1,789	418	76·6
	(b) Girls	1,734	351	79·8
1935	(a) Boys	1,840	323	82·4
	(b) Girls	2,050	383	81·3
1936	(a) Boys	1,587	317	80·0
	(b) Girls	1,646	279	83·0
1937	(a) Boys	1,862	301	83·8
	(b) Girls	1,779	262	85·3
1938	(a) Boys	1,906	158	91·7
	(b) Girls	2,010	307	84·7
1939	(a) Boys	1,416	186	86·8
	(b) Girls	1,470	175	88·1
1940	(a) Boys	1,488	244	83·6
	(b) Girls	1,531	230	84·9
1941	(a) Boys	1,673	301	82·0
	(b) Girls	1,663	296	82·2
1942	(a) Boys	1,534	216	85·9
	(b) Girls	1,665	314	81·1

TABLE VIII.

AVERAGE HEIGHTS AND WEIGHTS OF CHILDREN SEEN
AT ROUTINE INSPECTIONS IN THE ELEMENTARY SCHOOLS.

BOYS.			GIRLS.		
Age.	Height in Cms.	Weight in Kilos.	Age.	Height in Cms.	Weight in Kilos.
2	91·7	13·3	2	89·2	15·9
3	96·7	15·7	3	94·7	14·9
4	103·0	16·8	4	101·4	17·0
5	109·0	19·2	5	107·9	19·3
6	111·9	20·3	6	113·7	20·3
7	119·1	23·3	7	118·8	21·8
8	124·1	25·2	8	120·1	24·6
9	127·7	26·9	9	129·2	27·8
10	136·6	30·8	10	135·5	30·4
11	140·3	33·5	11	139·7	33·3
12	141·1	36·0	12	142·5	36·0
13	148·0	39·6	13	150·6	43·3
14 (4)	150·2	40·1	14	—	—
15	—	—	15	—	—

TABLE IX.

RETURN OF MEDICAL INSPECTIONS IN THE
SECONDARY SCHOOLS, 1942.

(A). ROUTINE MEDICAL INSPECTIONS.

Number of Pupils Examined :—

Age	Heath	Junior Tech- nical	High		Crossley and Porter		Total
	(Boys).	(Boys).	(Boys).	(Girls).	(Boys).	(Girls).	
4	—	—	2	3	—	—	5
5	—	—	2	8	—	—	10
6	—	—	5	6	—	—	11
7	—	—	2	7	—	2	11
8	6	—	1	14	4	11	36
9	17	—	—	8	8	15	48
10	18	—	—	18	7	31	74
11	19	—	—	34	52	68	173
12	54	7	—	29	57	60	207
13	52	109	—	40	39	50	290
14	54	98	—	50	36	42	280
15	47	27	—	57	32	34	197
16	16	1	—	19	16	19	71
17	9	—	—	16	8	9	42
18	—	—	—	2	—	—	2
Total	292	242	12	311	259	341	1457

(B). OTHER INSPECTIONS.

Number of Special Inspections	...	...	...	...	—
Number of Re-inspections	...	...	...	...	57
				Total	57

(c). PUPILS FOUND TO REQUIRE TREATMENT

Defective Vision (Excluding Squint) ...	III
Other Conditions (Excluding Defects of Nutrition, Uncleanliness and Dental Diseases)	50I

TABLE X.

**DENTAL DEFECTS IN THE SECONDARY AND
SPECIAL SCHOOLS.**

(1) Number of Children who were inspected by the Dentist—

					Secondary and Technical Schools.	Special Schools.
(a)	Routine Age Groups	...	...	...	805	228
(b)	Specials	...	...	...	32	19
					—	—
	GRAND TOTAL	...	...	...	837	247
(1a)	Re-inspections	...	...	...	—	188
(2)	Found to require treatment	...	...	...	500	153
(3)	Actually treated	...	...	...	181	121
(4)	Attendances made by Children for treat- ment	...	...	...	337	148
(5)	Half-days devoted to Inspection	...	...	...	7	5
	„ „ „ Treatment	...	...	...	35	15
					— 42	— 20
(6)	Fillings—Permanent Teeth	...	...	...	249	45
	Temporary Teeth	...	...	...	—	—
					— 249	— 45
(7)	Extractions—Permanent Teeth	...	...	...	124	48
	Temporary Teeth	...	...	...	13	125
					— 137	— 173
(8)	Administrations of general anæsthetics for extractions	...	...	...	—	1
(9)	Other Operations—Permanent Teeth	...	...	...	48	15
	Temporary Teeth	...	...	...	—	8
					— 48	— 23

TABLE XI.

AVERAGE HEIGHTS AND WEIGHTS OF PUPILS SEEN AT
ROUTINE INSPECTIONS IN THE
SECONDARY AND TECHNICAL SCHOOLS.

BOYS.			GIRLS.		
Age.	Height in Cms.	Weight in Kilos.	Age.	Height in Cms.	Weight in Kilos.
8	130·5	28·2	8	128·2	25·9
9	135·9	28·5	9	133·9	27·8
10	140·8	31·9	10	140·9	32·2
11	145·1	34·7	11	143·1	33·5
12	150·4	38·8	12	150·2	40·1
13	153·8	40·9	13	157·0	47·3
14	162·8	48·3	14	159·1	51·0
15	167·6	54·1	15	162·9	51·1
16	175·2	66·0	16	163·7	53·7
17	179·6	64·7	17	167·2	59·4
18	—	—	18	—	—

TABLE XII.
INVESTIGATION OF INFECTIOUS AND CONTAGIOUS
DISEASES.

School	Disease	Visits Paid	Classes Inspected	Examina- tions of Children
Akroyd Place ...	Sc.	2	9	191
" " ...	D.	5	6	172
Battinson Road ...	Sc.	18	64	2188
" " ...	D.	1	1	18
" " ...	M.	1	3	92
" " ...	S.F.	6	20	604
Boothtown ...	D.	2	3	65
Bradshaw... ..	D.	10	11	453
" " ...	S.F.	1	2	48
Copley ...	Sc.	8	24	780
Haugh Shaw ...	Sc.	1	4	160
" " ...	D.	4	4	115
" " ...	S.F.	2	4	175
Lee Mount ...	Sc.	4	16	593
" " ...	D.	5	6	148
Mixenden ...	Sc.	3	9	291
Moorside ...	D.	4	4	129
Northowram ...	D.	1	1	29
" " ...	S.F.	1	5	140
Ovenden ...	D.	2	4	116
Parkinson Lane ...	D.	4	5	155
" " ...	S.F.	1	2	80
Pellon Lane ...	Sc.	11	35	1054
" " ...	D.	4	5	115
" " ...	S.F.	4	10	321
" " ...	C.P.	5	11	365
Queen's Road ...	S.F.	1	2	80
Siddal ...	D.	3	3	121
" " ...	M.	1	4	120
" " ...	S.F.	8	21	597
Sunnyside ...	Sc.	15	67	2311
" " ...	D.	1	1	37
" " ...	S.F.	2	7	210

TABLE XII —Continued.

School	Disease	Visits Paid	Classes Inspected	Examinations of Children
Warley Town ...	Sc.	2	6	90
" " ...	M.	1	1	24
Modern ...	D.	1	1	35
Bermerside O.A. ...	D.	1	4	113
" " " ...	S.F.	3	11	305
All Saints... ..	S.F.	1	5	115
Christ Church ...	Sc.	3	14	542
" " " ...	D.	3	4	116
Parish Church ...	Sc.	2	5	154
Trinity	Sc.	6	28	1079
" " " ...	D.	1	3	72
" " " ...	S.F.	3	11	255
St. Augustine's ...	Sc.	1	4	98
" " " ...	S.F.	2	4	166
St. Joseph's ...	D.	4	4	136
" " " ...	S.F.	2	5	179
St. Mary's ...	D.	2	4	139
" " " ...	S.F.	4	22	694
Crossley & Porter	D.	1	1	24
TOTALS		184	510	16,409

S.F. = SCARLET FEVER.

D. = DIPHTHERIA.

M. = MEASLES.

S.P. = SMALL-POX.

C.P. = CHICKEN-POX.

R. = RINGWORM.

C.J.S. = CONJUNCTIVITIS.

Sc. = SCABIES.

Wh.C. = WHOOPING-COUGH.

Mps. = MUMPS.

TABLE XIII.

WORK OF THE SCHOOL MEDICAL NURSING STAFF.

1.	Half-days on which nurses assisted at School Medical Inspection	...	...	...	...	...	...	331
2.	Half-days on which nurses assisted at—							
	(a) Minor Ailments' Clinic	...	...	...	...	...	...	625
	(b) Inspection Clinic...	...	...	...	...	...	...	168
3.	Half-days devoted to head surveys	...	...	...	...	...	...	186
	Total examinations of children	...	...	...	...	...	...	26,758
	Children found with verminous or nitty heads	...	...	...	...	...	...	1,141
	Children respecting whom cleansing notices were sent	...	...	...	...	...	...	826
4.	Half-days on which sulphur baths were given...	...	...	...	...	...	...	92
	Children dealt with	...	...	...	...	...	...	544
5.	Half-days devoted to "following-up"	...	...	...	...	...	...	132
	Homes visited	...	...	...	...	...	...	790
	Individual children concerned	...	...	...	...	...	...	880
6.	Half-days devoted to investigating infectious diseases	...	...	...	...	...	...	111
	Swabs taken from throats and submitted for examination	...	...	...	...	...	...	355
	Suspicious cases of scarlet fever referred to the Inspection Clinic...	...	...	...	...	...	...	—
	Classes examined in the course of investigating cases of infectious nature in the schools	...	...	...	...	...	...	510

TABLE XIV.
PROVISION OF MEALS.

Dinners supplied :

Elementary Schools ...	...	...	...	...	419,661
Special Schools ...	...	...	...	...	51,290
Westfield ...	...	...	...	...	6,712

Teas supplied :

Play Centres ...	...	...	...	...	7,457
War-time Nursery Classes ...	...	...	...	...	1,753
Portions of Milk consumed on School Premises ...	...	...	...	...	1,543,448

Eight new canteens have been opened during the year, making a total of 21 now in operation, in addition to the two special schools.

TABLE XV.
PAYMENTS BY PARENTS,
YEAR ENDED 31st MARCH, 1942.

	£	s.	d.
Medical ...	38	19	7
Dental ...	163	12	9
Orthopædic (Remedial Exercises) ...	45	18	0
Orthopædic (Institutional and Appliances) ...	21	18	9
Spectacles ...	173	0	11
T. and A. Operative Treatment ...	38	5	6
	<u>£481</u>	<u>15</u>	<u>6</u>

TABLE XVI.
RETARDED CHILDREN.

	Boys	Girls	Total
Children examined ...	30	18	48
„ sent to Quarry House ...	21	17	38
„ returned to ordinary school... ..	8	1	9
„ sent to residential school for M.D. Children ...	—	—	—
„ referred to the Local Authority ...	1	—	1

TABLE XVII.

OPHTHALMIC TREATMENT.

CLASSIFICATION OF ERRORS OF REFRACTION—ELEMENTARY
AND HIGHER.

	Hyper- metropia	Myopia	Hyper- metropia with Astigma- tism	Myopia with Astigma- tism	Mixed Astigma- tism	Aniso- metro- pia	Total
Boys	69	45	94	21	21	5	255
Girls	76	30	100	34	24	4	268
Total	145	75	194	55	45	9	523

	Boys	Girls	Total
Children who attended the Eye Clinic ...	297	302	599
Children for whom glasses were pre- scribed:—			
Elementary ...	218	251	469
Higher ...	28	7	35
Special ...	8	9	17
Children who obtained glasses—Ely. ...	348	335	683
or new lenses or repairs —Higher ...	56	25	81
—Special ...	20	18	38
Children for whom glasses were not advised	43	34	77
Suffering from Corneal Opacities ...	1	3	4
„ Nystagmus ...	—	1	1
„ Ptosis ...	—	—	—
„ Lenticular Opacities ...	—	1	1
„ Severe Myopia ...	3	2	5
„ Congenital Coloboma of Choroid and Iris ...	1	—	1
„ Squint ...	12	10	22
„ Fundal changes ...	—	—	—

TABLE XVIII.
ORTHOPTIC TREATMENT.

Children attended during the year	...	...	...	...	57
Attendances for Binocular Training	...	...	...	1,536	
Attendances for Occlusion	...	...	...	323	
New Cases examined	...	...	...	13	
					<hr/>
Total Attendances	...	...	...	1,872	
					<hr/>
Received Operative treatment	...	...	...	1	
Waiting List	...	...	...	—
					<hr/>
No. of cases discharged:—					
Cured	...	...	...	...	5
Did not respond to Treatment	...	...	...	...	2
Failed to attend	...	...	...	...	9
Left the district	...	...	...	...	1
Other reasons	...	...	...	...	3
					<hr/>
Total	...	...	...	...	20
					<hr/>

TABLE XIX.
ORTHOPAEDIC TREATMENT.

	At School Clinic	At M. and C.W.C.	Total
Mr. Goyder's attendances	30	10	40
New Cases examined	139	100	239
Re-Examinations	335	108	443
Children under treatment on Dec. 31st, 1941	433	306	739
New cases admitted for treatment 1942	258	100	358
Discharged during year	228	51	279
Cases remaining under treatment on Dec. 31st, 1942	463	355	818
	School Age	Under School Age	Total
Attendances for examination	474	208	682
Attendances for remedial exercises	13,629	2,698	16,327

Cases treated:—

	No. of Cases	Attendances
Maternity and Child Welfare ...	406	2698
School Clinic	422	8299
Modern School	33	1102
Bermerside School	68	1605
Quarry House School	53	1951
Princess Mary High School...	58	1085
Technical College	57	487
	<hr/> 1097	<hr/> 16327

Waiting list, December 31st, 1941	38
„ „ December 31st, 1942	4

104 cases have been provisionally discharged to report progress at a later date.

Allocation of Hours.

Clinic	2373 $\frac{3}{4}$
Elementary Schools	179 $\frac{1}{2}$
M. and C.W. Clinic	781 $\frac{1}{2}$
Bermerside School	234 $\frac{3}{4}$
Quarry House School	124 $\frac{1}{4}$
Modern School	28
Princess Mary High School	76 $\frac{1}{2}$
Technical College	34 $\frac{1}{4}$
Swimming Class	105
	<hr/> 3937 $\frac{1}{2}$

Follow-up:—No. of homes visited	152
Time occupied	132 $\frac{1}{2}$ hrs.

Halifax General Hospital.

Recommended for operative treatment	11
Admitted to hospital	*6
Refused operative treatment	1
Left the town	—
Deferred treatment	1
Received treatment privately	—
On waiting list	4

*Includes 1 recommended in 1941.

TABLE XX.
SWIMMING STATISTICS.

	1938			1939			1940			1941			1942		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
No. of scholars who learnt to swim during season... ..	610	628	1238	474	504	978	538	523	1061	497	480	977	370	449	819
No. of scholars able to swim...	1427	1440	2867	1289	1385	2674	1416	1594	3010	1336	1442	2778	1030	1307	2337
No. of scholars who left school (14+) without gaining Elementary Certificates	63	79	142	66	74	140	41	37	78	70	64	134	51	55	106
Elementary Certificates	391	485	876	293	290	583	375	484	859	351	308	659	316	345	661
Advanced do.	105	236	429	159	185	344	181	229	410	121	152	273	160	185	345
Honours do.	157	110	267	67	72	139	60	58	118	68	75	143	134	139	273

